



500.40285X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: NITTA et al  
Serial No.: 09/888,641  
Filed: June 26, 2001  
For: Liquid Crystal Display Apparatus  
Group: 2674  
Examiner: J. Lesperance

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.97 & 1.98**

Mail Stop: DD  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

September 29, 2005

Sir:

In the matter of the above-identified application, applicants are submitting herewith a copy of a communication from a foreign patent office in a counterpart foreign application and copies of the documents as listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of either a final action or a notice of allowance and is accompanied by the following certification specified in 37 CFR 1.97(e).

On information and belief, I hereby certify that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

To the extent the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR 1.98(a)(3) for

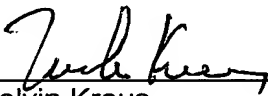
a concise explanation of the relevance is satisfied by an English language version or translation of the foreign patent office report citing the documents, an English language Abstract or an English language patent family member.

It is respectfully requested that this information disclosure statement and the listed documents be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (Case: 500.40285X00), and please credit any excess fees to such deposit account.

Respectfully submitted,

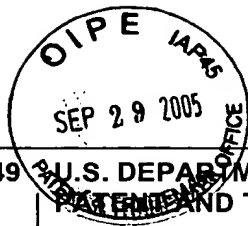
ANTONELLI, TERRY, STOUT & KRAUS, LLP



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Melvin Kraus  
Registration No. 22,466

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(703) 312-6600  
Attachments



|   |  |                                     |                          |
|---|--|-------------------------------------|--------------------------|
| Form PTO-1449<br>Equivalent   | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DKT. NO.<br>500.40285X00      | SERIAL NO.<br>09/888,641 |
| <b>INFORMATION DISCLOSURE STATEMENT<br/>BY APPLICANT</b><br><br>(Use several sheets if necessary) |  | <b>APPLICANT</b><br>NITTA et al     |                          |
|   |  | <b>FILING DATE</b><br>June 26, 2001 | <b>GROUP</b><br>2674     |

**U.S. PATENT DOCUMENTS**

| Ex. Initial | Doc. No.  | Date  | Name           | Class | Subclass | Filing Date |
|-------------|-----------|-------|----------------|-------|----------|-------------|
| AA          | 6,456,266 | 9/02  | Iba et al      |       |          |             |
| AB          | 6,661,470 | 12/03 | Kawakami et al |       |          |             |
| AC          |           |       |                |       |          |             |
| AD          |           |       |                |       |          |             |
| AE          |           |       |                |       |          |             |
| AF          |           |       |                |       |          |             |
| AG          |           |       |                |       |          |             |
| AH          |           |       |                |       |          |             |

**U.S. PATENT APPLICATIONS**

|    | Publication Number | Name | Publication Date |
|----|--------------------|------|------------------|
| AI |                    |      |                  |
| AJ |                    |      |                  |
| AK |                    |      |                  |
| AL |                    |      |                  |

**FOREIGN PATENT DOCUMENTS**

|    | Doc. No.    | Date   | Country | Class | Subclass | Translation/Abstract?      |    |
|----|-------------|--------|---------|-------|----------|----------------------------|----|
|    |             |        |         |       |          | Yes                        | No |
| AM | 2000-221469 | 8/2000 | Japan   |       |          | Abstract                   |    |
| AN | 9-244548    | 9/97   | Japan   |       |          | Abstract                   |    |
| AO | 6-160811    | 6/94   | Japan   |       |          | Abstract                   |    |
| AP | 2000-19487  | 1/2000 | Japan   |       |          | Corresponds to Document AA |    |
| AQ | 11-231832   | 8/99   | Japan   |       |          | Corresponds to Document AB |    |

**OTHER DOCUMENTS**

|                         |  |                                |
|-------------------------|--|--------------------------------|
| AR                      |  |                                |
| AS                      |  |                                |
| AT                      |  |                                |
| <b>Examiner</b><br><br> |  | <b>Date Considered</b><br><br> |



|   |  |                                     |                          |
|---|--|-------------------------------------|--------------------------|
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| <b>INFORMATION DISCLOSURE STATEMENT<br/>BY APPLICANT</b><br><br>(Use several sheets if necessary) |  | <b>APPLICANT</b><br>NITTA et al     |                          |
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|-------------|----------|------|------|-------|----------|-------------|
| AA          |          |      |      |       |          |             |
| AB          |          |      |      |       |          |             |
| AC          |          |      |      |       |          |             |
| AD          |          |      |      |       |          |             |
| AE          |          |      |      |       |          |             |
| AF          |          |      |      |       |          |             |
| AG          |          |      |      |       |          |             |
| AH          |          |      |      |       |          |             |

**U.S. PATENT APPLICATIONS**

|    | Publication Number | Name          | Publication Date |
|----|--------------------|---------------|------------------|
| AI | 2002/0008694 A1    | Miyachi et al | 1/02             |
| AJ |                    |               |                  |
| AK |                    |               |                  |
| AL |                    |               |                  |

**FOREIGN PATENT DOCUMENTS**

|    | Doc. No.   | Date | Country | Class | Subclass | Translation/Abstract?      |    |
|----|------------|------|---------|-------|----------|----------------------------|----|
|    |            |      |         |       |          | Yes                        | No |
| AM | 11-202285  | 7/99 | Japan   |       |          | Abstract                   |    |
| AN | 2002-72988 | 3/02 | Japan   |       |          | Corresponds to Document AI |    |
| AO |            |      |         |       |          |                            |    |
| AP |            |      |         |       |          |                            |    |
| AQ |            |      |         |       |          |                            |    |

**OTHER DOCUMENTS**

|          |                 |
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| AR       |                 |
| AS       |                 |
| AT       |                 |
| Examiner | Date Considered |